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OPERATOR'S MANUAL

FOR THE

RUDRS CSCI
(FRONT END)

Contract NO. N00039-96-C-0029

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1.0 SCOPE

1.1 IDENTIFICATION

This Operator's Manual (OM) identifies and describes the requirements for the Navy Reserve Unit Data Resource System (RUDRS) Computer Software Configuration Item (CSCI) into the Global Command and Control System (GCCS) environment. RUDRS had been previously submitted in the Worldwide Military Command and Control System (WWMCCS) environment; it was originally hosted on the U.S. Atlantic Fleet (CINCLANTFLT) host, subsequently moved to the Chief of Naval Operations (CNO) host, and then rehosted at CICNLANTFLT as a result of the CNO-CINCLANTFLT WWMCCS host consolidation.

1.2 SYSTEM OVERVIEW

The overall purpose of the interface between GCCS and COMNAVRESFOR is to establish the capability to rapidly and automatically pass Naval Reserve Data to GCCS. This information supports the Joint Deployment System (JDS) in the planning and execution of its missions.

RUDRS provides for, and maintains, a database of Naval Reserve Force (NFL) data accessible to Fleet Commanders in Chief (FLTCINCS) via GCCS for use in both deliberate and execution planning. The NRFL Database Interface permits the introduction of data from the Reserve Training Support System (RTSS). This data is transferred via floppy disk to a remote GCCS workstation. The COMNAVRESFOR user then accesses Joint Operations Planning and Execution System (JOPES) Scheduling and Movement databases, also in GCCS, to conduct data validation checks of Geological Locations (GEOLOCs), and Unit Type Codes (UTCs). The validated NRFL is then made available for FLTCINC use.

1.3 DOCUMENT OVERVIEW

This document contains instructions for the execution of the NRFL Database Interface (FRONT END) RUDRS system segment. Section 1 of this manual provides an overview of this document. Section 2 provides a list of documents referenced in this manual. Section 3 accounts for the bulk of this document, which contains instructions for RUDRS graphical user interface. Section 4 includes a list of possible system error messages. Section 5 contains descriptions of RUDRS configuration parameters. Section 6 contains a glossary and acronyms. For quick reference of JOPES terms, see the Armed Forces Staff College (AFSC) Publication 1- The Joint Staff Officer's Guide.

The NRFL Database Interface was intended for use only at Commander, Naval Reserve Force (COMNAVRESFOR). It allows the user to:

- Create/Update the NRFL Database
- Browse and Query the NRFL Database
- Update Audit Log and Maintenance Information for the NRFL Database

2.0 REFERENCED DOCUMENTS

Armed Forces Staff College (AFSC) Pub. 1. The Joint Staff officer's Guide.

3.0 USING RUDRS

The RUDRS graphical user interface consists of two windows -the Main window and the Status window- displayed together as illustrated in the figure below. Accessing RUDRS functions from the Main window by selecting pull-down *menus* and their associated *functions*. Throughout a RUDRS session, the Status window provides continuous general information about the mode, position, and condition of the controlling software responsible for running RUDRS, and is not designed to accept input from the user.

3.0.1 GETTING STARTED

The RUDRS software system is loaded and defined through a UNIX environment. The menus and functions within RUDRS are accessed via point-and-click. RUDRS consists of four pull-down menus which have functions defined as the Naval Reserve Force Library (NRFL) Database Interface (FRONT END) and the CINC-NRFL Database Interface, (BACK END), which operate as two separate software systems. This Operator's Manual (OM) will define those functions designated as FRONT END, and include a separate OM for those functions designated as BACK END. This RUDRS version includes the function NRFL/TPFDD Interface under the System Menu, which would allow the user to switch from the NRFL Interface to the CINC-NRFL Interface. To return to the NRFL Interface, simply select Switch Back under the System Menu

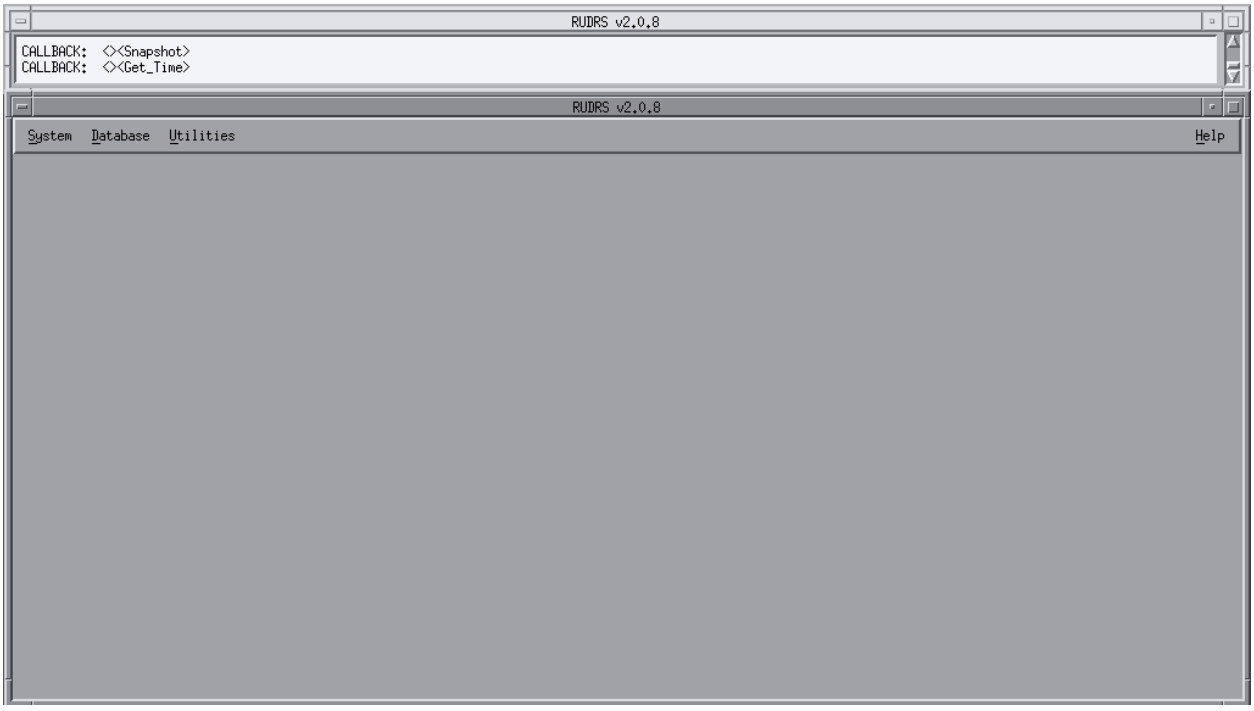

Figure 3.0: RUDRS Graphical User Interface

3.0.2 APPLICATION MENU STRUCTURE

1) SYSTEM

- **Load GEO/TUCHA:** Retrieve current GEO and TUCHA data and load it into RUDRS
- **Create/Update NRFL Database:** Read the specified input file and create/update the NRFL database.
- **NRFL/TPFDD Interface:** Transfer control from NRFL Interface (FRONT END) to CINC-NRFL Interface (BACK END).

2) DATABASE

- **Search NRFL Database:** Prepare a formatted report of selected NRFL data, in index form.
- **Browse NRFL Database:** Display NRFL records sorted by AUIC/RUIC, in index form.
- **Edit Errors:** On-line error correction of processed CINC-NRFL data records with blank or erroneous data fields.

3) UTILITIES

- **Review NRFL Audit Log:** Display a history of RUDRS transactions.
- **Error Listing for NRFL:** Display a list of erroneous transactions.
- **Change Password:** Self-explanatory
- **NRFL Database Maintenance:** Display database statistics (sizes, errors, deleted).

4) **Help**

The purpose of General Help is to offer information for accessing the various Help screens.

3.0.3 OPERATORS MANUAL CONVENTIONS

The conventions used in writing the operators manual are explained in the following paragraphs. The page format for each function is divided into five paragraphs and includes:

- A paragraph number and title, followed by a description of the function
- A graphical notation of the path followed to obtain the screen
  Menu selection → Sub-Menu selection → screen → BUTTON → sub-screen
- An illustration of the screen as it appears in the RUDRS application
- A list of data fields which describes all of the required or optional parameters for the function, explaining both the editable and non-editable fields on the screen.
- A list of buttons and their functions.

Buttons common to many interface screens are described below.

All: Displays all matching criteria . If the total retrieved is very large , you may choose to press the MORE button repeatedly, since there could be a delay waiting for all matching items to be retrieved before any are displayed in the list box.

Reset: Clears all selections without leaving the current screen.

Cancel: Returns to the previous screen without performing any action. Screens may also be closed by pointing and clicking on the box located in the upper left hand corner of the current screen.

Help: Displays the help screen associated with that screen.

More: Selection criteria entered on the previous screen resulted in the first N items being retrieved and displayed in the list box of the current screen. Initially only the first N items are displayed so that the user need not wait for all items matching the criteria to be retrieved before any are displayed in the list box. Press the MORE button for N more items.

Next: Steps forward through the items found that you want to have displayed

Previous: Steps backward through the items found that you want to have displayed

OK: Proceeds with executing the indicated control settings

Undo: Returns a screen to its state before the last operation was performed.

Print: Allows you to direct the output to either a printer or a file on-line.

3.0.4 HELP

The purpose of General Help is to offer information for accessing the various Help screens.

- To access Help, press F1 while using the application or choose the Help button in a dialog box.
- Manipulate the scroll bar to view information not visible in the Help window.
- To exit Help, choose the OK button.

The topic that is displayed depends on which Help command you chose, what was selected when you pressed F1, or which dialog box you were using when you chose the Help button.

3.0.5 PRINT

This screen allows you to direct the output to either a printer or a file on-line. The actual output will depend on the screen from which the Print button was selected; however, all of the print screens look and operate exactly the same. Below is the RUDRS Print Screen:

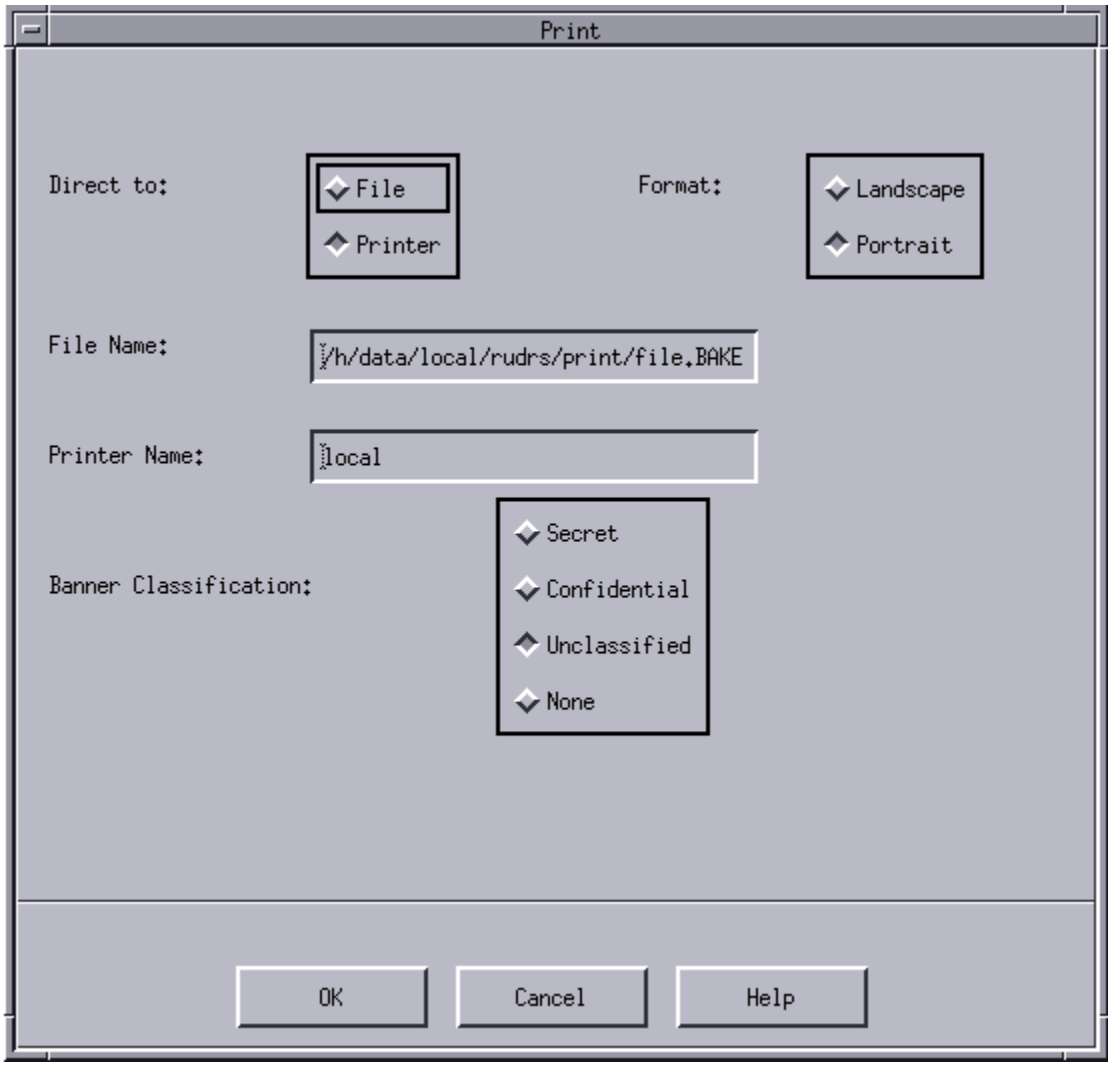

Figure 3-1: Print Screen

Data Field and Button descriptions

File Name: Enter the file name for the output to be directed to, or by default it will have the name defined in the config file under PRINT FILE NAME.

Printer name: Enter a logical printer name that the print job is to be directed to, or by default it will have the name defined in the config file under DEFAULT PRINTER.

Direct to Options: The default value if defined in the config file under DEFAULT DESTINATION.

- **File** Writes the output to a file.
- **Printer** sends the output to a printer.

Banner Classification Options: The default value is defined in the config file under SECURITY CLASSIFICATION.

- **Secret** Writes SECRET on the banner page of the printed output.
- **Confidential** Writes CONFIDENTIAL on the banner page of the printed output.
- **Unclassified** Writes UNCLASSIFIED on the banner page of the printed output.
- **None** Writes NONE on the banner page of the printed output.

Format Options: The default value is defined in the config file under DEFAULT ORIENTATION.

- **Landscape** Prints the output lengthwise on the page.
- **Portrait** Prints the output widthwise on the page.

3.1 SYSTEM MENU

3.1.1 Load GEO/TUCHA

To access this screen:
System → Load GEO/TUCHA Files → Confirm

The GEO and TUCHA Codes are retrieved from a database on the JOPES network and stored locally in hash tables. This function causes new hash tables to be generated from the data. This function may be monitored in the status window of the Main Menu. The status window will allow you to view the progress of these files

3.1.2 Create/Update NRFL Database

To access this screen:
System → Create/Update NRFL Databases → Process Input Screen

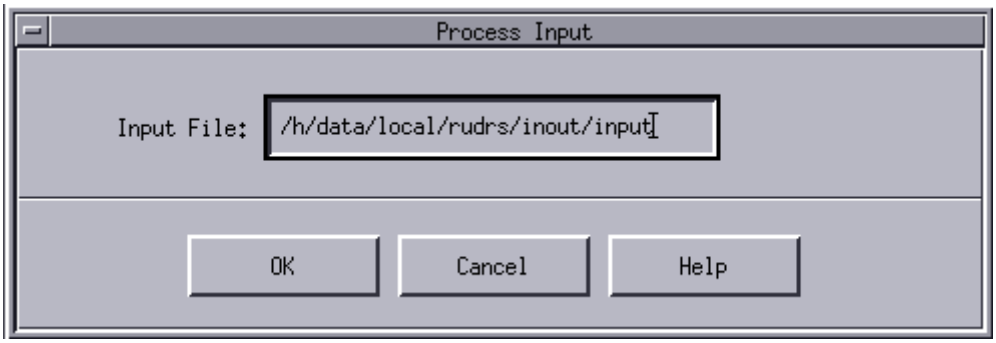

Figure 3-2: Process Input screen.

The source of the data input to the NRFL Database is a file shown as Input File. This screen allows you to specify the path and input file of the RTSS data when creating/updating the NRFL Database.. If the NRFL Database contains no records when performing Create/Update NRFL Database, then the database is created and populated with records read from the input file.

If the database contains records when this function is performed, then the database is updated. The old record will be overwritten with the new one, otherwise the new record is added. All old records not updated will be deleted.

Data Field and Button Descriptions

Input file: Enter the path and file name of the input of the RTSS data.

OK: Processes the file indicated as input for Create/Update of the NRFL Database.

Cancel: Returns to the previous screen without performing any action. Screens may also be closed by pointing and clicking on the box located in the upper left hand corner of the current screen.

Help Displays the help screen

3.2 DATABASE MENU

3.2.1 Browse NRFL Database

To access this screen
Database ➞ Browse NRFL ➞ NRFL Index

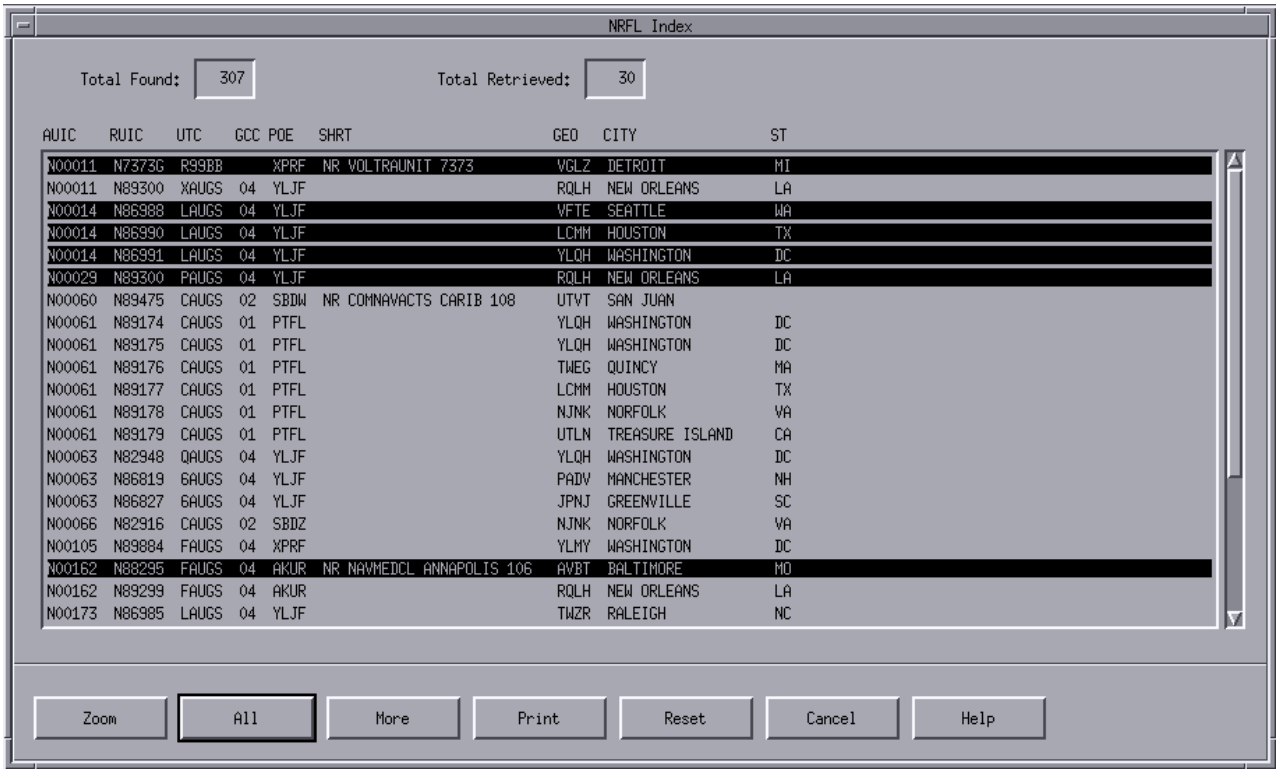

Figure 3-3: NRFL Index screen

This screen allows the selection of specific records of the NRFL Database for Zoom view. Point and click on desired records, the selections will highlight in reverse video. Press the Zoom button for a detailed view of each record, which displays the values of all the fields and allows editing of certain fields.

Records displayed on this screen are sorted by AUIC/RUIC.

Data Field and Button Descriptions

The NRFL Index screen Data Fields do permit any editing. The Data Fields only report information, which can be edited in the NRFL Detail screen by highlighting selections and clicking on the Zoom button.

Total Found: The total number of records found

Total Retrieved The total number of records retrieved.

AUIC: Active unit identification Code.

RUIC: Reserve Unit Identification Code

UTC: Unit Type Code

GCC: Gaining Command Code:

- **EUR:** U.S. Naval Forces Europe
- **LANT:** U.S. Atlantic Fleet
- **PAC:** U.S. Pacific Fleet
- **CONUS:** Continental United States of America. All states except Alaska and Hawaii.
- **USMC:** U.S. Marine Corps

POE: Port of embarkation

SELRES-UNIT: Selected Reserve unit

GEO: Geographic Location Code. A four character code which uniquely identifies geographic locations worldwide.

CITY: Origin City

ST: State Code

Zoom: Displays the records selected from the list box on the NRFL Detail screen.

All: Displays all matching criteria . If the total retrieved is very large , you may choose to press the MORE repeatedly, since there could be a delay waiting for all matching items to be retrieved before any are displayed in the list box.

More: Selection criteria entered on the previous screen resulted in the first N items being retrieved and displayed in the list box of the current screen. Initially only the first N items are displayed so that the user need not wait for all items matching the criteria to be retrieved before any are displayed in the list box. Press the MORE button for N more items.

Print: Allows you to direct the output to either a printer or a file on-line

Reset: Clears all selections without leaving the current screen.

Cancel: Returns to the previous screen without performing any action. Screens may also be closed by pointing and clicking on the box located in the upper left hand corner of the current screen.

Help Displays the help screen

3.2.2 NRFL Detail Database

To access this screen:
Database ➞ Search NRFL ➞ NRFL Query ➞ Zoom ➞ NRFL Detail

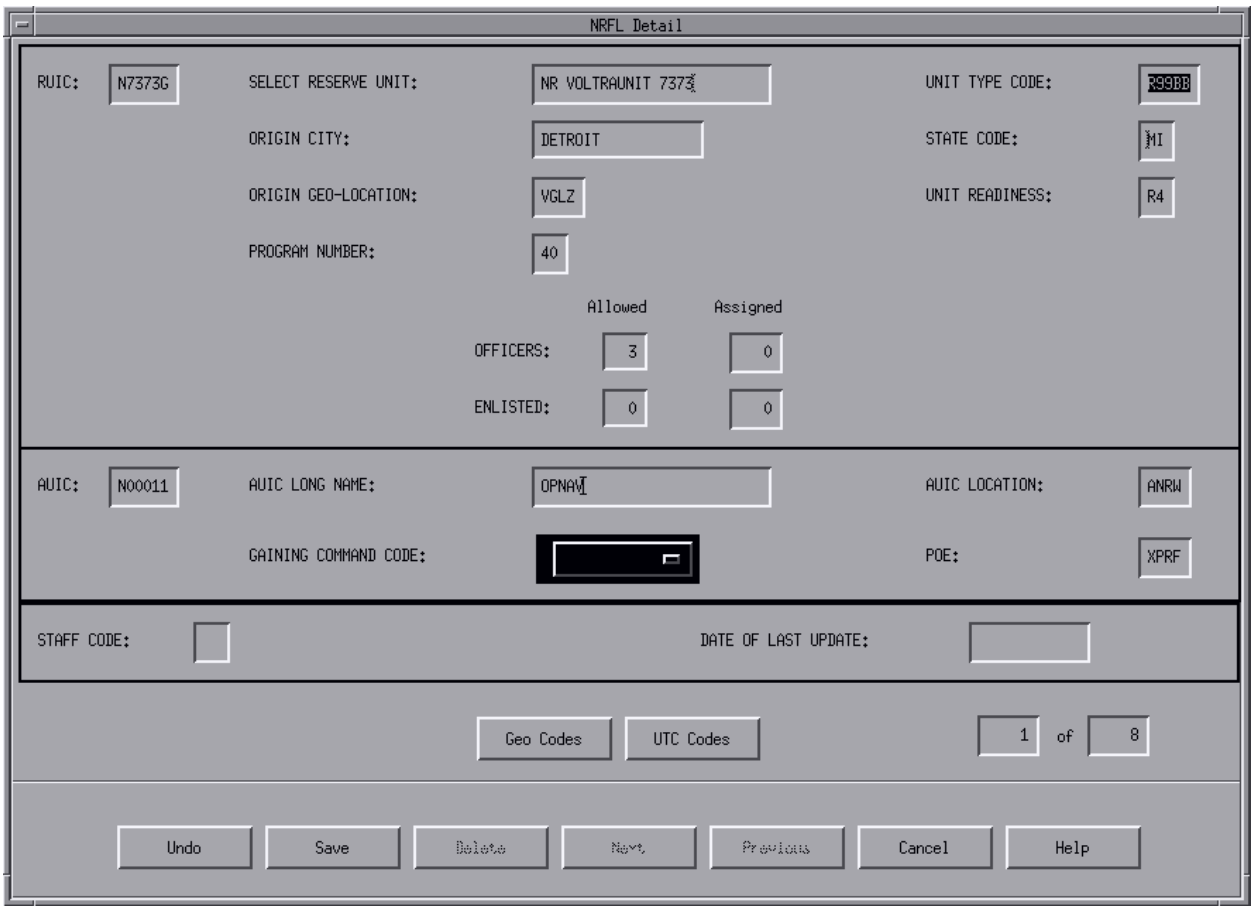

Figure 3-4: NRFL Detail screen

The NRFL Detail screen displays selected NRFL records in detail. Editing of NRFL records is permitted within this screen. Editing fields must be correctly filled before performing a Save.

Data Field and Button Descriptions

RUIC: Reserve UIC

Select Reserve Unit: The identification number of a specific reserve unit

Origin City:
Origin Geo-Location:
Officers allowed/Assigned:
Program Number:
Enlisted allowed/Assigned:
Unit Type Code:
State Code:
Unit Readiness:

AUIC: Active Unit Identification Code

AUIC Long Name: The full Identification Code Location

GCC: Gaining Command Codes

- **EUR:** U.S. Naval Forces Europe
- **LANT:** U.S. Atlantic Fleet
- **PAC:** U.S. Pacific Fleet
- **CONUS:** Continental United States of America. All states except Alaska and Hawaii.
- **USMC:** U.S. Marine Corps

AUIC Location: Active Unit Identification Code Location

POE: Port of Embarkation

Staff Code:

Date of Last Update:

N of N : Numbering of the records retrieved and displayed

GEO Codes: Displays the Search Geographic Location Codes screen. A four character code which uniquely identifies geographic locations worldwide.

UTC Codes: Displays the Search Unit Type Codes Screen.

Undo: Returns a screen to its state before the last operation was performed.

Save: Stores to disk the current content as displayed.

Delete: Permanently marks the selected record for deletion..

Next: Steps forward through the items found that you want to have displayed

Previous: Steps backward through the items found that you want to have displayed

Cancel: Returns to the previous screen without performing any action. Screens may also be closed by pointing and clicking on the box located in the upper left hand corner of the current screen.

Help Displays the help screen

3.2.2.1 NRFL GEO/TUCHA File

To access this screen:
Database ➞ Search NRFL ➞ NRFL Query ➞ Zoom ➞ NRFL Detail ➞ GEO Codes ➞ Search GEO/TUCHA file

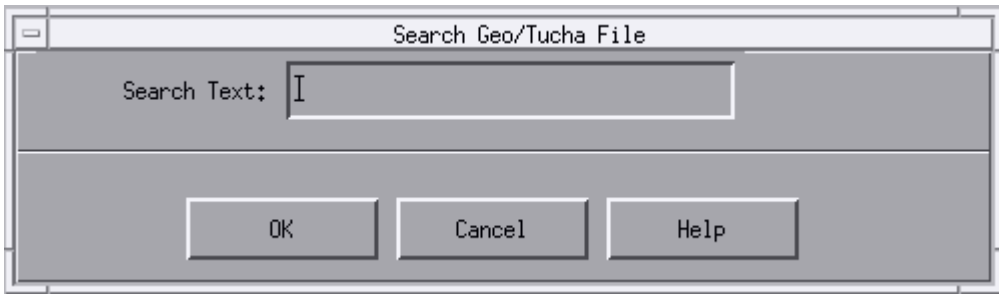

Figure 3-5: Search GEO/TUCHA file screen

The GEO Codes Table contains entries, each of which associates a GEO Code with a geographic area. This screen allows the user to enter a string on which to search in the GEO Codes Table. If the string code entered is not found in the database, then the entries will be displayed on the Codes index screen

Data Field and Button Descriptions

Search Text: Enter a valid string GEO Code on which to search in the GEO Codes Database file.

OK: Proceeds with search. If the code is found, the information will be displayed in the Codes Index screen

Cancel: Returns to the previous screen without performing any action. Screens may also be closed by pointing and clicking on the box located in the upper left hand corner of the current screen.

Help Displays the help screen

3.2.2.2 NRFL UTC Codes

To access this screen:
Database ➞ Search NRFL ➞ NRFL Query ➞ ZOOM ➞ NRFL Detail ➞UTC Codes ➞ Search GEO/TUCHA file

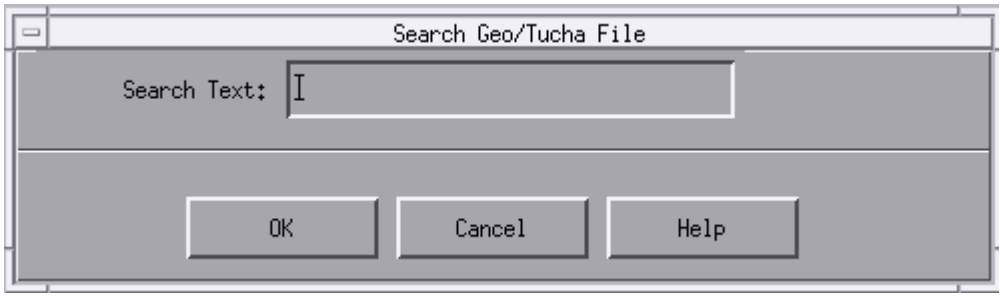

Figure 3-6: Search UTC codes

The Type Unit Characteristics (TUCHA) Codes Table contains entries, each of which associates a Unit Type Code with a Unit Type. This screen allows the user to enter a string on which to search in the TUCHA Codes Table. If a valid string is entered, all entries found will be displayed on the Codes Index screen.

Data Field and Button Descriptions

Search Text: Enter a string (Unit Type Code) on which to search in the Unit Type Codes Database/File

---

OK: Proceeds with search. If the code is found, the information will be displayed in the Codes Index screen.

Cancel: Returns to the previous screen without performing any action. Screens may also be closed by pointing and clicking on the box located in the upper left hand corner of the current screen.

Help Displays the help screen

3.2.2.2.1 GEO/TUCHA Reference screen

The GEO/TUCHA reference screen displays matching search criteria according to the string code entered for a GEO or UTC search.

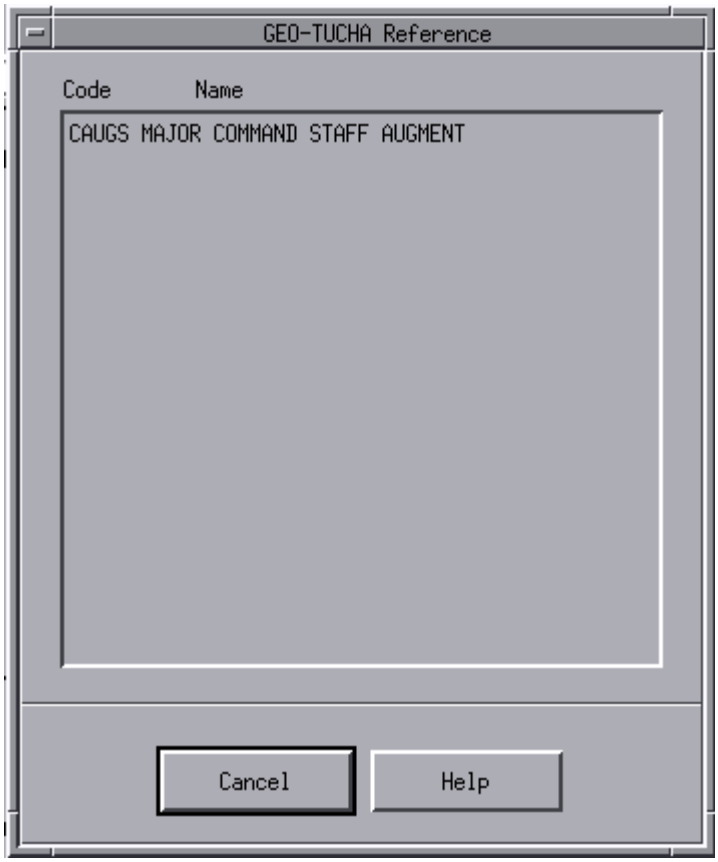

Figure 3-7: GEO/TUCHA Reference

3.2.3 Query NRFL Database

To access the NRFL Query screen:
Database menu → Search NRFL → NRFL Query

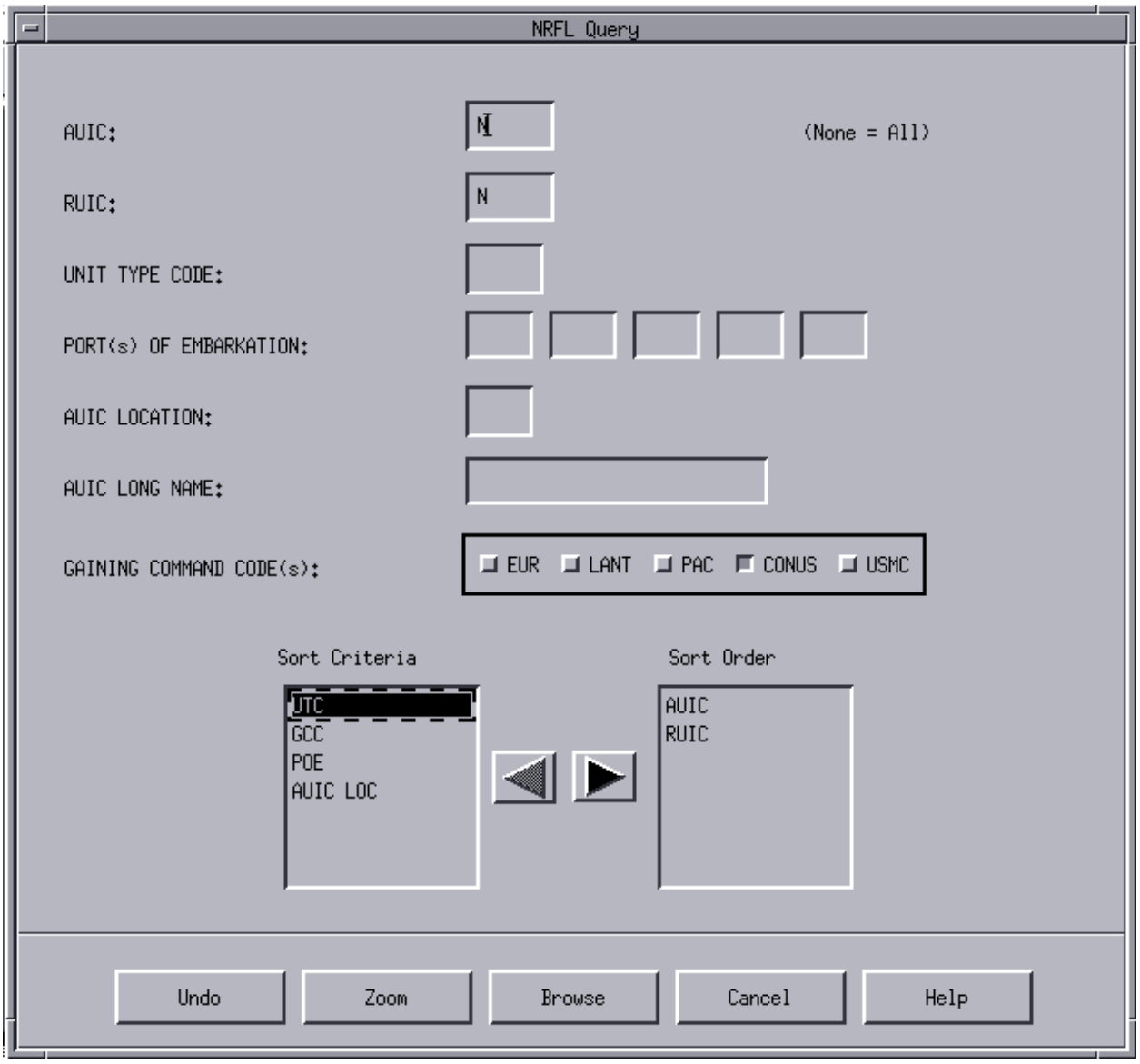

Figure 3-8: NRFL Query screen

This screen allows entering of specific values as selection criteria (AUIC, Unit Type Code, RUIC etc.) with which to search the records of the NRFL Databases. The records retrieved can be sorted according to the indicated sort order of the fields. Press the BROWSE button for the NRFL Index screen which displays records with their fields in sort order that the user indicates. By default, if no sort criteria are specified, all database records will be retrieved and displayed in ascending AUIC/RUIC order. The Config value NRFL_DEFAULT_SORT_ORDER; determines which sort orders on the NRFL Query Menu will be preselected. The following values are allowed:

- NIL
- UNIT_TYPE
- LONG_NAME
- PORT_OF_EMBARKATION
- LOCATION
- ERRORS
- VERSION_NUMBER
- ACTIVE_UNIT
- RESERVE_UNIT

- GAINING_COMMAND
- PROGRAM_NUMBER
- READINESS

Data field and Button Descriptions

AUIC: Enter a valid Active Unit Identification Code augmented by the Naval Reserve unit. The AUIC is found in the service reserve force description in TPFDD records for reserve units. It may also be found in the UIC TPFDD element for active duty units. The AUIC is the primary record key element in the NRFL Database.

RUIC: Enter a valid Reserve Unit Identification Code. This code is assigned to every Naval Reserve Unit. The RUIC is the second element in the NRFL Database key.

- The AUIC and RUIC codes may be the same.

Unit Type code: Enter a valid code for the input query.

Ports of Embarkation: Allows you to enter up to five valid codes.

AUIC Location: Enter the valid Identification code Location assigned to the AUIC.

AUIC Long Name: Enter the full Identification Code Location.

Gaining Command Code(s): Point and click upon one or more of the selections listed:

❑EUR	❑LANT	❑PAC	❑CONUS	❑USMC

- **EUR:** U.S. Naval Forces Europe
- **LANT:** U.S. Atlantic Fleet
- **PAC:** U.S. Pacific Fleet
- **CONUS:** Continental United States of America. All states except Alaska and Hawaii.
- **USMC:** U.S. Marine Corps

Sort Criteria/Sort Order: Sort Order sets the sequence of the Sort Criteria. Items must be shifted to and from the Sort Order to result in the desired sequence. Pointing and clicking on an item and clicking on an arrow allows the items to be transferred between Sort Order and Criteria.

Undo: Returns a screen to its state before the last operation was performed.

Zoom: Displays the records selected from the list box of this screen on the Detail screen.

Browse: Displays the NRFL Index screen.

Cancel: Returns to the previous screen without performing any action. Screens may also be closed by pointing and clicking on the box located in the upper left hand corner of the current screen.

Help Displays the help screen

3.2.3.1 Search NRFL Index

To access this screen
Database ➞ Search NRFL ➞ NRFL Query ➞ BROWSE ➞ NRFL Index

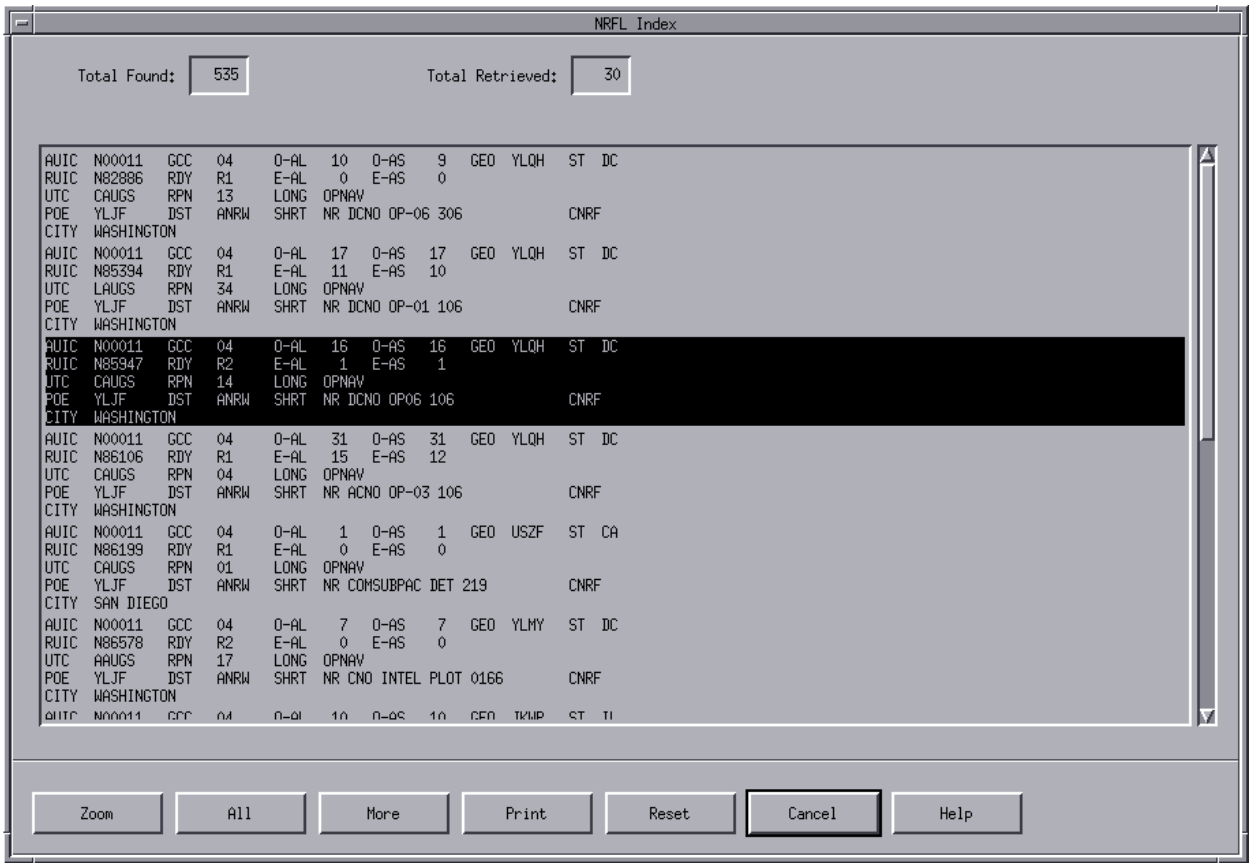

Figure 3-9: Search NRFL Index screen

When using the NRFL Query screen and the Browse button resulting matches are displayed in a four line record format and in the sort order specified in the Query. Click on any part of the record(s) and press the Zoom button to access the NRFL Detail screen.

Data Field and Button Descriptions

Total Found: The total number of records found

Total Retrieved The total number of records retrieved.

Zoom: Displays the records selected from the list box on the NRFL Detail screen.

All: Displays all matching criteria . If the total retrieved is very large , you may choose to press the MORE repeatedly, since there could be a delay waiting for all matching items to be retrieved before any are displayed in the list box.

More: Selection criteria entered on the previous screen resulted in the first N items being retrieved and displayed in the list box of the current screen. Initially only the first N items are displayed so that the user need not wait for all items matching the criteria to be retrieved before any are displayed in the list box. Press the MORE button for N more items.

Print: Allows you to direct the output to either a printer or a file on-line

Reset: Clears all selections without leaving the current screen.

Cancel: Returns to the previous screen without performing any action. Screens may also be closed by pointing and clicking on the box located in the upper left hand corner of the current screen.

Help Displays the help screen

3.2.3.2 Search NRFL Detail Screen

To access this screen
Database ➞ Search NRFL ➞ NRFL Query ➞ BROWSE ➞ NRFL Index ➞ ZOOM ➞ NRFL Detail Screen

This screen looks and operates the same as the Browse NRFL Detail screen explained previously in Section 3.2.2.

3.2.4 Edit Errors

To access this screen:
Database ➞ Edit Errors ➞ NRFL Index

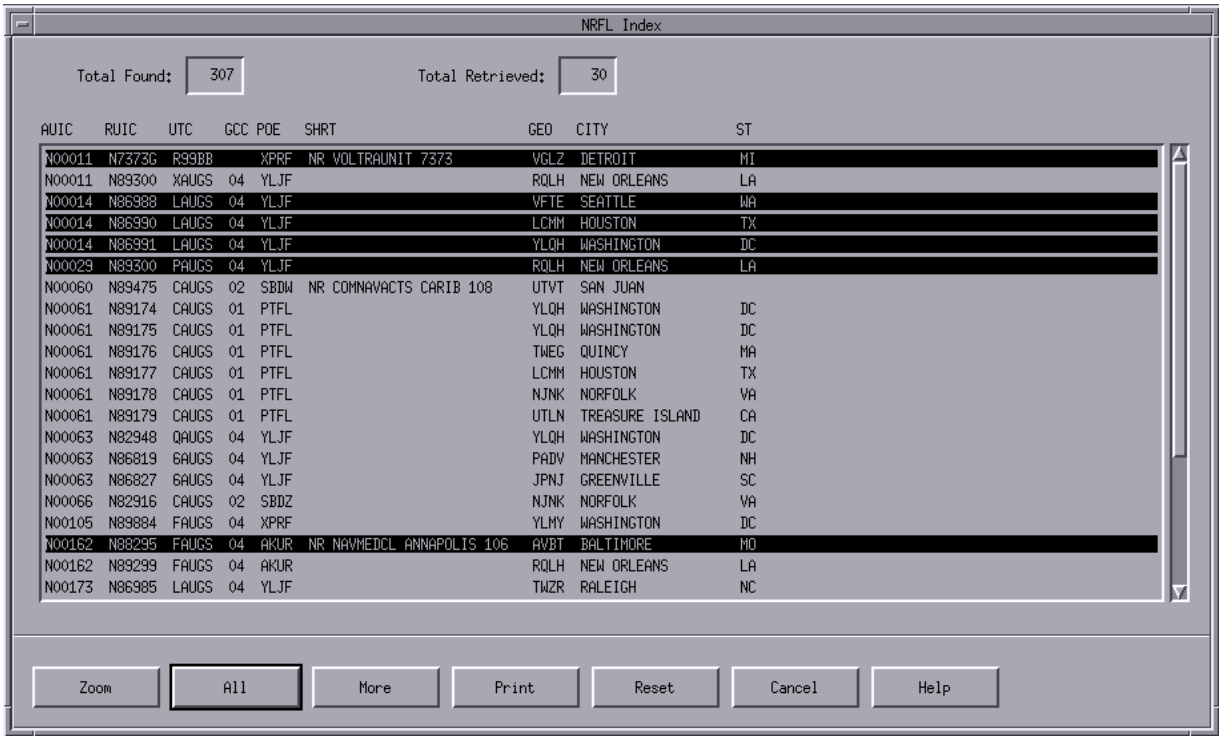

Figure 3-10: NRFL Index screen (Edit Errors)

The NRFL Database Edit Errors function allows retrieval of records from the NRFL Transactions Database and displays only those entries which concern invalid or missing fields.

Data Field and Button Descriptions

Total Found: The total number of records found

Total Retrieved The total number of records retrieved,

AUIC: Active Unit Identification Code

RUIC: Reserve Unit Identification Code

UTC: Unit Type Code

GCC: Gaining Command Code:

- **EUR:** U.S. Naval Forces Europe
- **LANT:** U.S. Atlantic Fleet
- **PAC:** U.S. Pacific Fleet
- **CONUS:** Continental United States of America. All states except Alaska and Hawaii.
- **USMC:** U.S. Marine Corps

POE: Port of Embarkation.

SHRT: Selected Reserve unit.

GEO: Geographic Location Code. A four character code which uniquely identifies geographic locations worldwide.

ORIG-CITY: Origin City

ST: State Code

Zoom: Displays the records selected from the list box on the NRFL Detail screen

All: Displays all matching criteria . If the total retrieved is very large , you may choose to press the MORE repeatedly, since there could be a delay waiting for all matching items to be retrieved before any are displayed in the list box.

More: Selection criteria entered on the previous screen resulted in the first N items being retrieved and displayed in the list box of the current screen. Initially only the first N items are displayed so that the user need not wait for all items matching the criteria to be retrieved before any are displayed in the list box. Press the MORE button for N more items.

Print: allows you to direct the output to either a printer or a file on-line

Reset: Clears all selections without leaving the current screen.

Cancel: Returns to the previous screen without performing any action. Screens may also be closed by pointing and clicking on the box located in the upper left hand corner of the current screen.

Help Displays the help screen

3.3 UTILITIES MENU

3.3.1 Review Audit Log

To access this screen
Utilities ➞ Review Audit Log ➞ Review Audit Log

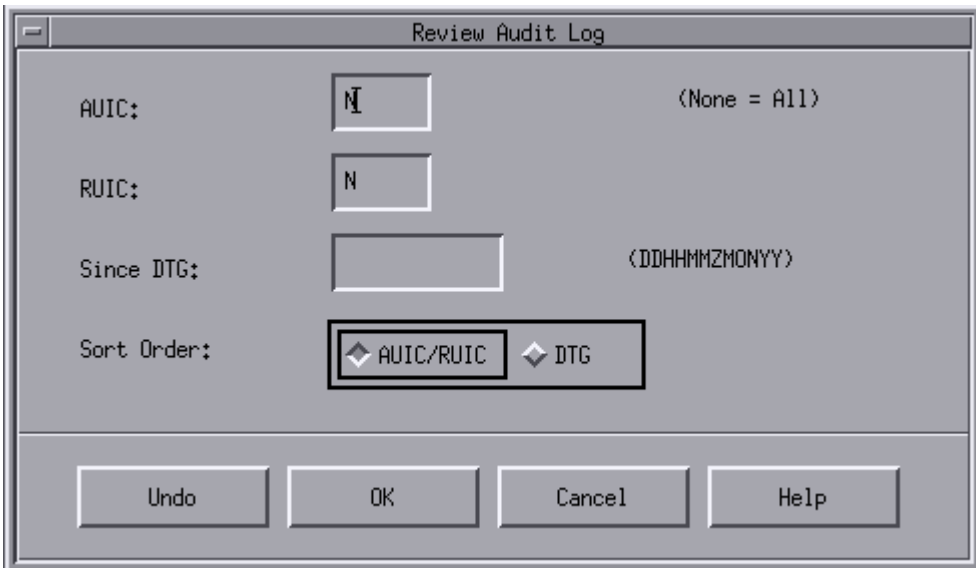

Figure 3-11: Review Audit Log

The NRFL Transactions (Audit Log) Database contains a log of database transactions (records added, deleted, missing, and overwritten), and errors on certain fields (fields invalid, missing).

This screen allows entering of specific values as selection criteria (AUIC, RUIC, and Since DTG) on which to search the records of the NRFL Transactions (Audit Log) Database.

Data Field and Button Descriptions

AUIC: Enter a valid active Unit Identification Code.

RUIC: Enter a valid Reserve Unit Identification Code

Since DTG (DDHHMMZMONYY): Transactions processed since the DTG entered.

Sort Order: Select a sort order by pointing and clicking on one of the two icons.

◆AUIC/RUIC ◆DTG

Undo: Returns a screen to its state before the last operation was performed.

OK: Proceeds with Audit Log Sort

Cancel: Returns to the previous screen without performing any action. Screens may also be closed by pointing and clicking on the box located in the upper left hand corner of the current screen.

Help Displays the help screen

3.3.1.1 Transaction Index

To access this screen

Utilities ➞ Review Audit Log ➞ Review Audit Log ➞ OK ➞ Transaction Index

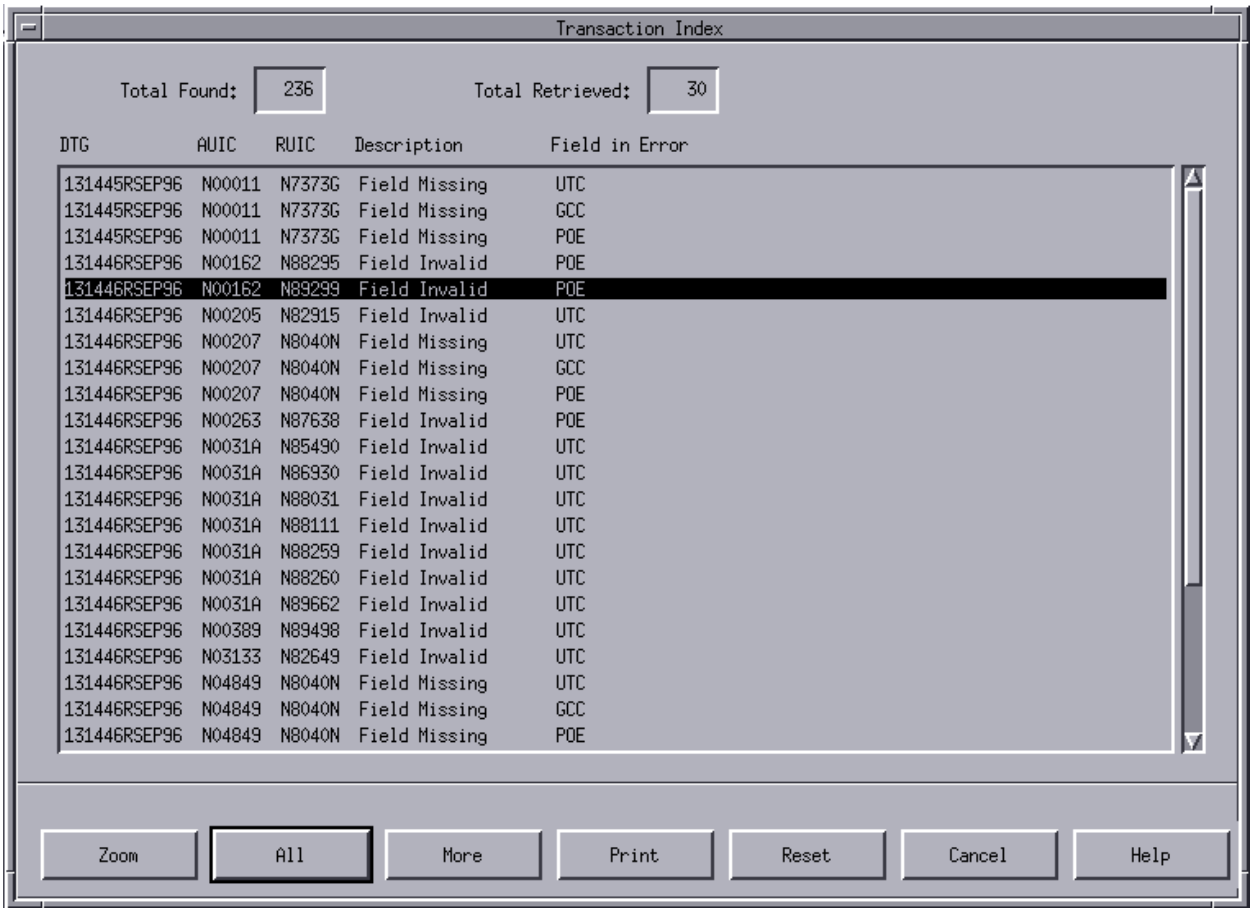

Figure 3.12: Transaction Index

The retrieved NRFL Transaction records displayed on this screen have been sorted on the fields according to the criteria entered on the Audit Log screen.

Point and click to select specific records of the NRFL Transactions Database. The selections will be highlighted in reverse video. Point and click on ZOOM for a detailed view of the selections.

Data Field and Button Descriptions

Total Found: Total number of records found matching the selection criteria.

Total Retrieved: Total number of records retrieved and displayed in the list box.

DTG: Date Time Group

AUIC: Active Unit Identification code

RUIC: Reserve Unit Identification Code

Description: Description of error (i.e., Field missing, Field invalid)

Field in Error:
- **POE:** Port of Embarkation
- **GCC:** Gaining Command Code
- **UTC:** Unit Type Code
- **ORIG GEOLOC:** Geographic Location Code
- **SELRES UNIT:** Selected Reserve Unit

Zoom: Displays the records selected from the list box on the NRFL Detail screen.

All: Displays all matching criteria . If the total retrieved is very large , you may choose to press the MORE repeatedly, since there could be a delay waiting for all matching items to be retrieved before any are displayed in the list box.

More: Selection criteria entered on the previous screen resulted in the first N items being retrieved and displayed in the list box of the current screen. Initially only the first N items are displayed so that the user need not wait for all items matching the criteria to be retrieved before any are displayed in the list box. Press the MORE button for N more items.

Print: Allows you to direct the output to either a printer or a file on-line

Reset: Clears all selections without leaving the current screen.

Cancel: Returns to the previous screen without performing any action. Screens may also be closed by pointing and clicking on the box located in the upper left hand corner of the current screen.

Help Displays the help screen

3.3.2 Error Listing for NRFL

This screen (Transaction Index) looks and operates exactly the same as above. It is a subset of the entries seen in the Audit Log Index for the NRFL Database, and contain only error entries.
To access this screen
Utilities → Error Listing for NRFL → Transaction Index

3.3.3 Database Maintenance

To access this screen

Utilities ➞ NRFL Database Maintenance ➞ Database Maintenance Access ➞ OK ➞ Database Information

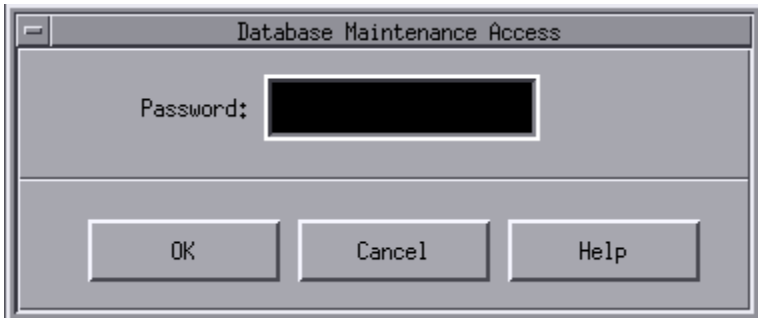

Figure 3-13: Database Maintenance Access

The Database Access screen provides password protection for the Database Information screen. The Database Information screen and its functions are reserved for users identified as having System Administrative Access.

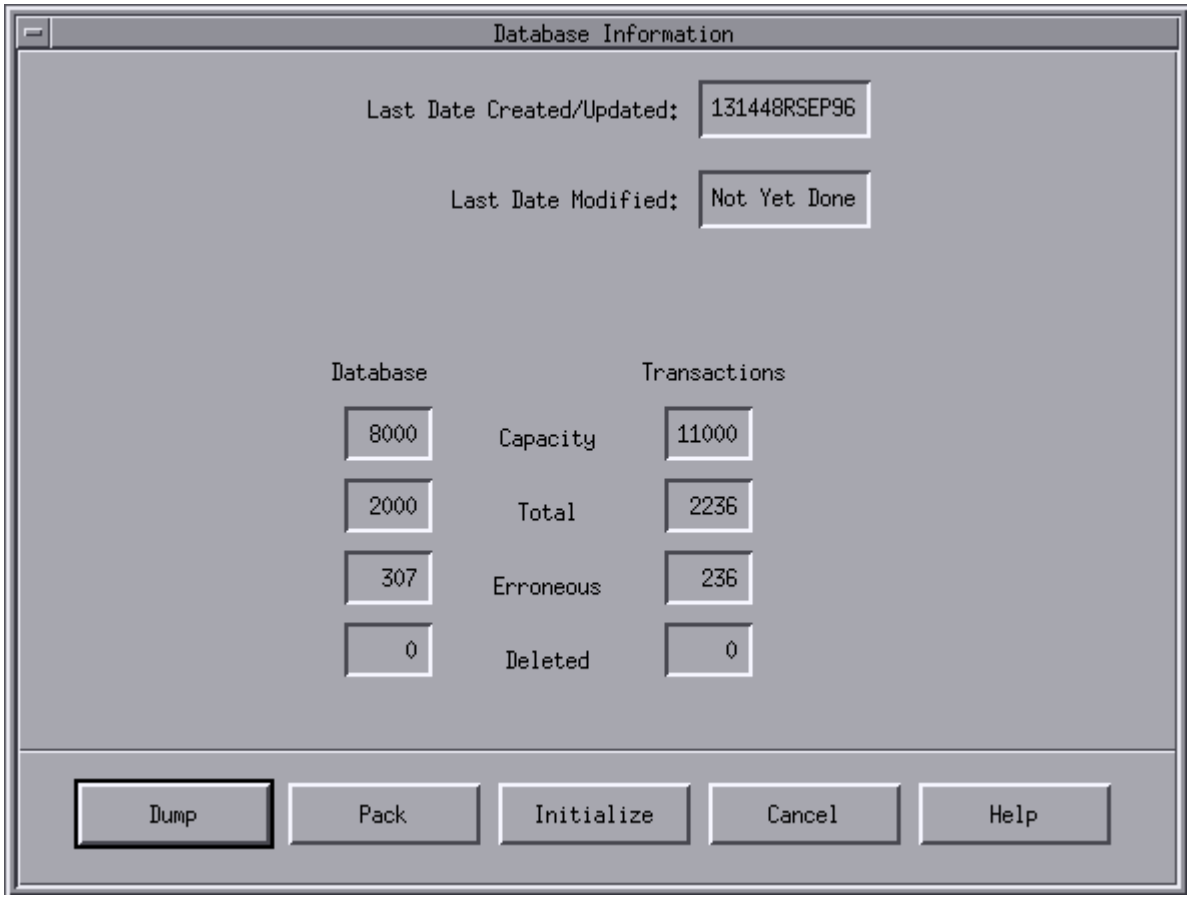

Figure 3-14: Database Information screen

The Database Information screen allows users to perform database administrative operations (i.e., Dump, Pack, Initialize). This screen displays several totals (Capacity, Total, Erroneous, Deleted) concerning the NRFL and NRFL Transaction Databases.

3.3.4 Change Password

To access this screen
Utilities → Change Password → Change Password screen

Figure 3-15: Change Password

The Change password screen is used for access to the Database Maintenance Screen.

The Change Password screen allows a person who knows the current RUDRS system password to change it.

- Enter the current Authorized Password (password will not echo).
- Enter the New Password
- If a mistake has been made; Select Undo and start over.
- To apply the password change select Save

4.0 ERROR MESSAGES

Message	What To Do Next
STANDARD EXCEPTIONS	
An internal error (Constraint_Error) has occurred.	Contact your system administrator
An internal error (Numeric_Error) has occurred.	
An internal error (Program_Error) has occurred.	
An internal error (Storage_Error) has occurred.	
An internal error (Tasking_Error) has occurred.	
-- **IO EXCEPTIONS** --	
An internal error (Data_Error) has occurred.	Contact your system administrator
An internal error (Device_Error) has occurred.	
An internal error (End_Error) has occurred.	
An internal error (Layout_Error) has occurred.	
An internal error (Mode_Error) has occurred.	
The data file cannot be read or does not exist.	
An internal error (Status_Error) has occurred.	
File permissions are not set up correctly.	
-- **DATABASE EXCEPTIONS** --	
An internal error (Database_Already_Exists) has occurred in @.	Contact your system administrator
An internal error (Database_Does_Not_Exist) has occurred in @.	
An internal error (Database_Is_Closed) has occurred in @.	
An internal error (Database_Is_Open) has occurred in @.	
An internal error (Duplicate_Element) has occurred in @.	
An element is out of date in @.	Select reset and edit the element again
The element already exists in @.	Contact your system administrator
An internal error (Element_Too_Short) has occurred in @.	
Read access denied in @.	
Write access denied in @.	Change READ_ONLY in your config file.
Process has been aborted in @.	Continue normally
Another user has locked the resource you want in @.\Try again later.	Try again later
An internal error (Invalid_Name) has occurred in @.	Contact your system administrator
No elements match the query in @.	Informational message.
Database overflow has occurred in @.	Increase Database Size in the Config file
Too many users are logged on to perform this operation in @.	Wait until you are the only user.
An internal error (Write_Before_Read) has occurred in @.	Contact your system administrator

Message	What To Do Next
-- **OTHER** --	
This operation may take up to @ minute@.\Are you sure you want to go through with it?	Informational message.
At least one specified element has been deleted.	
A fatal error has occurred!	Contact your system administrator
No fields are currently flagged.\Resave to generate suggestions.	
Unable to suggest alternatives.	Informational Message.
Password is incorrect. Please reenter.	Try again
Password must be at least @ printable characters.	Use a shorter password
Unknown Callback: Contact Maintenance Personnel.	Contact your system administrator
Operation is @% complete.	Informational message. No action necessary.
No elements in the database match the query.	
The database is empty.	
An internal error has occurred.	Contact your System Administrator
@ records were read.	Informational message. No action necessary.
The input data file is nonexistent or corrupt.	Contact your System Administrator
No data has been found to display in the report.	Continue normally
The report is too long to be displayed.	Continue normally
Too many elements in the database match the query.\Please make your selection criteria narrower.	Either deselect some elements or press reset and select fewer elements.
No more than @ records can be selected.	
Unit Not In RTSS	Informational message. No action necessary.
RTSS/TPFDD UTCs Do Not Match	
No records could be extracted from the NRFL database.	Contact your System Administrator
-- **SPAWN** --	
An error has occurred in the spawned job.	Contact your system administrator
The job has failed to spawn.	

5.0 NOTES

5.1 Glossary

AUIC The UIC of the active duty unit augmented by the Naval Reserve unit. The AUIC may be the same as the RUIC (reserve UIC), e.g., Reserve VP/VR squadrons. The active duty UIC is found in the service reserve force description in TPFDD records for reserve units, and in the UIC TPFDD element for active duty units. The AUIC is the primary record key element in the WWMCCS RTSS Database.

AUTH PERS Strength in TPFDD file. For TPFDD generated or updated using RTSS, this data element represents assigned strength of reserve unit. The OM of RTSS data elements ON-BD (OFF)-MAPMIS and ON-BD (ENL) MAPMIS is used to update this data element.

Cancel This activity refers to resetting the state of a mission, which was not used, to cancelled. This state attribute has nothing to do with the persistence of the mission record; all mission records are retained in the database for a configurable number of months from the month in which they were scheduled to fly.

Delete This activity refers to marking a database record in a RUDRS database for removal.

Main Menu This is the first screen which is presented upon entering RUDRS. This screen has a variety of high level RUDRS functions from which to choose, as well as an option to terminate RUDRS.

Purge This activity refers to the physical removal of a database record from the database. Unlike deletion, the object is not simply marked for removal, but the memory it occupies is released. Once purged, there is no way to recover the lost information.

Query Screen This is a screen which provides the ability to make a database query to one of the databases. There are a variety of selection options on the query screens which indicate the number of database elements which are to be displayed.

RUIC This code is assigned to every Naval Reserve unit, and when combined with Active UIC (AUIC), is a unique identifier for a Naval Reserve unit. The RUIC is the second element in the RTSS database record key.

5.2 Acronyms

APOD	**Aerial Port of Debarkation**
APOE	**Aerial Port of Embarkation**
AUIC	**Active Unit Identification Code**
AUTH PERS	**Authorized Personnel**
CINCLANTFLT	**Commander in Chief, U.S. Atlantic Fleet**
CINCPACFLT	**Commander in Chief, U.S. Pacific Fleet**
CINCUSNAVEUR	**Commander in Chief, U.S. Naval Forces Europe**
CINC-NRFL	**Commander in Chief - Naval Reserve Force Library**
COE	**Common Operating Environment**
COMNAVRESFOR	**Commander, Naval Reserve Force**
CONUS	**Continental United States of America**
CSC	**Computer Software Component**
CSCI	**Computer Software Configuration Item**
DTG	**Date Time Group**
FLTCINCS	**Fleet Commanders in Chief**
GCC	**Gaining Command Code**
GCCS	**Global Command and Control System**
GEO CODE	**Geographic Location Code**
GEOFILE	**GEOLOC File**
GEO LOC	**Geographic Location Code**
JOPES	**Joint Operation Planning and Execution System**
NRFL	**Naval Reserve Force Library**
OM	**Operators Manual**
OPLAN	**Operations Plan**
PAX	**Personnel Requiring Nonorganic Transportation**
PERS	**Authorized Strength**
POD	**Port of Debarkation**
POE	**Port of Embarkation**
RPN	**Reserve Program Number**
RTSS	**Reserve Training Support System**
RUDRS	**Reserve Unit Data Resource System**
RUIC	**Reserve Unit Identification Code**
SELRES	**Select Reserve**
OM	**Operator's Manual**
S&M	**Scheduling and Movement**
TPFDD	**Time Phased Force Deployment Data**

A: System Administraion Functions

This section describes the typical System Administration functions for RUDRS. It includes information on adding a user, deleting a user, making configuration changes, and general trouble shooting. These are suggestions based on past installations. The RUDRS segment must be installed under GCCS v2.1 or later.

Adding a User

All users must be configured/added to the MASTER config file for RUDRS. This file is located in /h/RUDRS/data. Using "vi" or a similar editor, duplucate the entry RUDRS within MASTER and change the word RUDRS (upper-case) for each $USER. This modification must be performed for each RUDRS user. By default, the pathname associated with the $USER entry should not require modification unless the entire segment is relocated.

Users may be assigned individual configuration files. Any item added to the user's config file will override the corresponding item in the segment config file.

To permit NRFL and CINC-NRFL access, execute the following:
- cd /h/RUDRS/data/values
- cp config.FRONT config.<$USER>

Example: cp config.FRONT config.BILL

To restrict access to CINC-NRFL only, execute the following:
- cd /h/RUDRS/data/values
- cp config.BACK config.<$USER>

Example: cp config.BACK config>BILL

By default, config.FRONT is set to READ_WRITE and config.BACK is set to WRITE access.
To restrict config. $USER to read READ access only, change the config. $USER entry from FALSE to TRUE (upper-case) using "vi" or a similar editor.

Deleting a User

When an individual user or group of users no longer needs access to RUDRS, remove their individual config entry located in /h/RUDRS/data/values

Using "vi" or a similar editor, remove the $USER entry from the MASTER config file for RUDRS located in the $MASTER variable. This modification must be performed for each RUDRS user being removed.

MASTER File

The MASTER file tells the program being executed the locations of the config and message files for the project and the directory where the current user's LOG_INIT file is located. The location of UI setup files is also returned but is no longer used. (Note that at lease one space must follow the arrow, even if no location is specified.)

The MASTER file is comprised of three areas, labeled TRIGGERS, PROJECTS, and USERS. The first of these will be discussed last.

The PROJECTS area contains the following values for each project:

<project-name>_CONFIG - The path and name of the config file.
<project-name>_MESSAGE - The path and name of the message file.
<project-name>_UI - Not used at present.

The USERS area contains an entry for each user of the system, followed by the location of the LOG_INIT file ($RUDRS_SEGDAT). The location must end in a separator (e.g., '$RUDRS_SEGDAT/'). If no location is specified, it will be assumed that the LOG_INIT file is in the current directory.

The TRIGGERS area is comprised of two entries:

PROJECT
USER

If nothing follows these entries, the user will be prompted for the project name and the user id. If values are specified for these entries, the user will not be prompted, and the system will search the MASTER file for them. If a match is not found (whether the project name and user id are entered by the user or contained in the TRIGGERS area of the MASTER file), the error message, "Master Config File not in proper format" will be displayed.

The location of the MASTER file is specified by the $MASTER environment variable. This value must end in a separator (e.g., '/', '.', etc). If the MASTER file cannot be found or cannot be opened for some reason, the error message "Config File <$MASTER>MASTER could not be opened" will be displayed.

Config File

If the defaults are not satisfactory, have the site RUDRS user set initial data values in the /h/RUDRSDB/data/global/values/config file to the appropriate values.

To change these parameters, it will be necessary to edit the config file using a unix editor such as vi. RUDRS' config file contains all of the tunable parameters and their values. Users can edit any of the elements in the config file to suit their site's needs. The config file gets read and interpreted during system startup. Therefore, any changes to the file will not take effect until the next execution.

The following is a complete listing of the configurable parameters:

Configurable Parameters	Initial Values
BREAK	
BREAK_FILE	$RUDRS_GBLDAT_RUDRS/breaks
BREAK_FLAG	$RUDRS_HOME/break
BREAK_WAIT	5
-- **-- DATABASES** --	
DATABASE_DEBUGGING	FALSE
DATABASE_OWNER_NAME	RUDRS.
DATABASE_USER_NAME	/
DATABASE_USERS	2
DATABASE_WAIT	30
MAX_DATABASE_GETS	30
MAX_TIME_BETWEEN_SNAPSHOTS	5
SQL_QUERY_LENGTH	2048
-- **-- OLD DATABASES** --	
BACKGROUND_MODE	FALSE
DATABASE_CROSS_REFERENCE_TABLE_SUFFIX	all
DEBUGGING	FALSE
DIRECTORY_PREFIX	dir_
DUMP_FILE_PREFIX	txt_

Configurable Parameters	Initial Values
KEY_FILE_PREFIX	key_
KEY_FILE_DIRECTORY_SUFFIX	dir
SINGLE_USER_MODE	FALSE
SNAPSHOT_THRESHOLD	1
TOKEN_PREFIX	use_
TOKEN_TO_BE_HELD_IN_MEMORY	FALSE
VERSION_LIST_PREFIX	ver_
VIEW_PREFIX	view_
WAIT	2.0
WORKSPACE_PREFIX	tmp_
-- -- **CINC_NRFL** --	
CINC_NRFL_CROSS_REFERENCES_TO_BE_HELD_IN_MEMORY	TRUE
CINC_NRFL_DATABASE_FILE_NAME	$RUDRS_LOCDAT_CINC/cinc
CINC_NRFL_DATABASE_SIZE	8_000
--CINC_NRFL_KEYS_IN_MEMORY	TRUE FALSE FALSE TRUE TRUE TRUE FALSE FALSE TRUE TRUE FALSE
CINC_NRFL_KEYS_IN_MEMORY	TRUE TRUE TRUE TRUE TRUE TRUE
CINC_NRFL_KEYS_UNIQUE	TRUE
CINC_NRFL_NUMBERS_LAST	1
CINC_NRFL_VERSION_LIST_ITEMS_TO_BE_HELD_IN_MEMORY	1
CINC_NRFL_VIEW_ITEMS_TO_BE_HELD_IN_MEMORY	8_000
-- -- **DESTINATION** --	
DESTINATION_CROSS_REFERENCES_TO_BE_HELD_IN_MEMORY	TRUE
DESTINATION_DATABASE_FILE_NAME	$RUDRS_LOCDAT_DEST/dest
DESTINATION_DATABASE_SIZE	5_000
DESTINATION_KEYS_IN_MEMORY	TRUE
DESTINATION_KEYS_UNIQUE	TRUE
DESTINATION_NUMBERS_LAST	1
DESTINATION_VERSION_LIST_ITEMS_TO_BE_HELD_IN_MEMORY	1
DESTINATION_VIEW_ITEMS_TO_BE_HELD_IN_MEMORY	5_000
-- -- **NRFL** --	
NRFL_CROSS_REFERENCES_TO_BE_HELD_IN_MEMORY	TRUE
NRFL_DATABASE_FILE_NAME	$RUDRS_GBLDAT_NRFL/nrfl
--NRFL_DATABASE_SIZE	20_000
NRFL_DATABASE_SIZE	8_000
--NRFL_KEYS_IN_MEMORY	TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE FALSE FALSE FALSE

Configurable Parameters	Initial Values
NRFL_KEYS_IN_MEMORY	TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE
NRFL_KEYS_UNIQUE	TRUE
NRFL_NUMBERS_LAST	1
NRFL_VERSION_LIST_ITEMS_TO_BE_HELD_IN_MEMORY	1
NRFL_VIEW_ITEMS_TO_BE_HELD_IN_MEMORY	8_000
-- **-- TRANSACTION** --	
TRANSACTION_DATABASE_SIZE	11_000
--TRANSACTION_KEYS_IN_MEMORY	TRUE TRUE FALSE FALSE
TRANSACTION_KEYS_IN_MEMORY	TRUE TRUE TRUE TRUE
TRANSACTION_NUMBERS_LAST	1
-- **-- CINC_NRFL TRANSACTION** --	
CINC_NRFL_TRANSACTION_CROSS_REFERENCES_TO_BE_HELD_IN_MEMORY	TRUE
CINC_NRFL_TRANSACTION_DATABASE_FILE_NAME	$RUDRS_LOCDAT_CTRN/trans
CINC_NRFL_TRANSACTION_KEYS_UNIQUE	FALSE
CINC_NRFL_TRANSACTION_VERSION_LIST_ITEMS_TO_BE_HELD_IN_MEMORY	1
CINC_NRFL_TRANSACTION_VIEW_ITEMS_TO_BE_HELD_IN_MEMORY	10_000
-- **-- NRFL TRANSACTION** --	
NRFL_TRANSACTION_CROSS_REFERENCES_TO_BE_HELD_IN_MEMORY	TRUE
NRFL_TRANSACTION_DATABASE_FILE_NAME	$RUDRS_GBLDAT_NTRN/trans
NRFL_TRANSACTION_KEYS_UNIQUE	FALSE
NRFL_TRANSACTION_VERSION_LIST_ITEMS_TO_BE_HELD_IN_MEMORY	1
NRFL_TRANSACTION_VIEW_ITEMS_TO_BE_HELD_IN_MEMORY	10_000
-- **-- DEFAULTS** --	
CINC_NRFL_DEFAULT_REPORT	Active_Unit_Key
DEFAULT_COMMAND	CONUS
NRFL_DEFAULT_SORT_ORDER	FALSE FALSE FALSE FALSE FALSE FALSE FALSE TRUE TRUE FALSE FALSE FALSE
TRANSACTION_DEFAULT_SORT_ORDER	Active_Unit_Key
-- **-- ENUMERATIONS** --	
CLASSIFICATION	$REUSE_GBLDAT_ENUM/classification
COMMAND	$RUDRS_GBLDAT_ENUM/command
DESTINATION	$REUSE_GBLDAT_ENUM/destination

Configurable Parameters	Initial Values
DESTINATION_KEY	$RUDRS_GBLDAT_ENUM/destination_key
ERROR	$RUDRS_GBLDAT_ENUM/error
LUKASIEWICZEAN	$RUDRS_GBLDAT_ENUM/lukasiewiczean
NRFL_FIELD	$RUDRS_GBLDAT_ENUM/nrfl_field
NRFL_KEY	$RUDRS_GBLDAT_ENUM/nrfl_key
ORIENTATION	$REUSE_GBLDAT_ENUM/orientation
RUDRS_EXCEPTIONS	$RUDRS_GBLDAT_ENUM/rudrs_exceptions
TPFDD_FORCE_RECORD_FIELD	$RUDRS_GBLDAT_ENUM/tpfdd_force_record_field
TPFDD_IDENT_RECORD_FIELD	$RUDRS_GBLDAT_ENUM/tpfdd_ident_record_field
TRANSACTION	$RUDRS_GBLDAT_ENUM/transaction
TRANSACTION_FIELD	$RUDRS_GBLDAT_ENUM/transaction_field
TRANSACTION_KEY	$RUDRS_GBLDAT_ENUM/transaction_key
TRANSPORTATION_PROVIDER	$RUDRS_GBLDAT_ENUM/transportation_provider
U_S_STATE	$RUDRS_GBLDAT_ENUM/u_s_state
USER	$REUSE_GBLDAT_ENUM/user
-- -- GEO TUCHA --	
GEO_BUCKET_SIZE	8
GEO_FILE_IN	$RUDRS_GBLDAT_HASH/geo_code.lst
GEO_FILE_OUT	$RUDRS_GBLDAT_HASH/geo_file
GEO_HASH_TABLE	$RUDRS_GBLDAT_HASH/geo
GEO_TABLE_SIZE	13_000
GEO_TUCHA_EXECUTABLE	$RUDRS_SCRIPTS/geo_tucha
TUCHA_BUCKET_SIZE	2
TUCHA_FILE_IN	$RUDRS_GBLDAT_HASH/tucha_code.lst
TUCHA_FILE_OUT	$RUDRS_GBLDAT_HASH/tucha_file
TUCHA_HASH_TABLE	$RUDRS_GBLDAT_HASH/tucha
TUCHA_TABLE_SIZE	150
-- -- GREP --	
GREP_EXECUTABLE	$REUSE_SCRIPTS/rgrep
GREP_RESPONSE_FILE_NAME	$RUDRS_LOCDAT_GREP/results
-- -- HELP --	
ERROR_HELP	$RUDRS_HELP/Error_Message
HELP_FILE_PATH	$RUDRS_HELP/
-- -- IO --	
INPUT_BACK_EXECUTABLE	$RUDRS_SCRIPTS/input_back
INPUT_BACK_FILE_NAME	$RUDRS_LOCDAT_INOT/output
INPUT_FRONT_EXECUTABLE	$RUDRS_SCRIPTS/input_front
INPUT_FRONT_FILE_NAME	$RUDRS_LOCDAT_INOT/input
INPUT_STARTING_COLUMN	9
INPUT_STARTING_ROW	2
-- -- LISTS	

Configurable Parameters	Initial Values
--	
LIMITED_STRING_NAME	LIMST
LIMITED_STRING_SIZE	300
--	
-- MAINTENANCE	
--	
GET_LATEST_MODIFICATION	$RUDRS_SCRIPTS/import
MODIFICATION_RESPONSE_FILE	$RUDRS_SEGDAT_RUDRS/results
-- **-- PERFORMANCE** --	
LINES_PER_MINUTE	2_000
RECORDS_PER_MINUTE	1_500
-- **-- PASSWORDS** --	
MINIMUM_PASSWORD	4
PASSWORD_FILE_NAME	$RUDRS_SEGDAT_RUDRS/password
PASSWORD_LEVELS	1
-- **-- PRINTING** --	
DEFAULT_DESTINATION	PRINTER
DEFAULT_ORIENTATION	PORTRAIT
DEFAULT_PRINTER	local
LANDSCAPE_MINUS_MARGIN	25
LANDSCAPE_PAGE_LENGTH	47
MARGIN_WIDTHS	10
PORTRAIT_MINUS_MARGIN	0
PORTRAIT_PAGE_LENGTH	66
PRINT_EXECUTABLE	$REUSE_SCRIPTS/rrprint
PRINT_FILE_NAME	$RUDRS_LOCDAT_PRNT/file
PRINT_RESPONSE_FILE_NAME	$RUDRS_LOCDAT_PRNT/results
-- **-- REPORTS** --	
DESTINATION_ERRORS_NAME	$RUDRS_LOCDAT_DEST/dest_errors
READINESS_REPORT	$RUDRS_SEGDAT_RUDRS/readiness
-- **-- RUDRS** --	
BIT_BUCKET	$RUDRS_SEGDAT_RUDRS/null
COUNTER_FILE	$RUDRS_SEGDAT_RUDRS/counter
FIELDS_TO_CHECK	FALSE FALSE TRUE TRUE TRUE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE
GARBAGE_COLLECTION_THRESHOLD	1_000_000
HEAP_SIZE	5_000_000
LOCAL_TIME_ZONE	-5
MONITOR_INTERVAL	5

Configurable Parameters	Initial Values
PROJECT_RELEASE	RUDRS v2.0.8
REFRESH_TIME	60
SCRATCH_AREA	$RUDRS_SEGDAT_RUDRS/
SECONDS_TO_TIMEOUT	90
SECONDS_TO_TIMEOUT_EXTENDED	600
SECURITY_CLASSIFICATION	UNCLASSIFIED
-- **-- STRINGS** --	
CITY	$REUSE_GBLDAT_CHAR/upper_alpha
FILE_NAME	$REUSE_GBLDAT_CHAR/printable
FREE_TEXT	$REUSE_GBLDAT_CHAR/printable
FORCE_REQUIREMENT	$REUSE_GBLDAT_CHAR/upper_alpha_numeric
LOCATION	$REUSE_GBLDAT_CHAR/upper_alpha_numeric
MACHINE_ADDRESS	$REUSE_GBLDAT_CHAR/numeric_period
OPLAN_ID	$REUSE_GBLDAT_CHAR/upper_alpha_numeric
RECORD_COUNT	$REUSE_GBLDAT_CHAR/numeric
PASSWORD	$REUSE_GBLDAT_CHAR/printable
PRINTER_NAME	$REUSE_GBLDAT_CHAR/alpha_numeric_slash
PROGRAM_NUMBER	$REUSE_GBLDAT_CHAR/numeric
READINESS	$REUSE_GBLDAT_CHAR/upper_alpha_numeric
RESERVED_DATA	$REUSE_GBLDAT_CHAR/all
TPFDD_FORCE_RECORD	$REUSE_GBLDAT_CHAR/printable
TPFDD_IDENT_RECORD	$REUSE_GBLDAT_CHAR/printable
UNIT_ID	$REUSE_GBLDAT_CHAR/upper_alpha_numeric
UNIT_NAME	$REUSE_GBLDAT_CHAR/upper_alpha_numeric_hyphen
UNIT_TYPE	$REUSE_GBLDAT_CHAR/upper_alpha_numeric
-- **-- TPFDD** --	
AUGMENT_CORRELATION_LISTING	$RUDRS_LOCDAT_TPFD/correlation_listing
AUGMENT_DUPLICATE_UIC_NAME	$RUDRS_LOCDAT_TPFD/duplicate_uic
AUGMENT_ERRORS_NAME	$RUDRS_LOCDAT_TPFD/augment_errors
CREATE_ERRORS_NAME	$RUDRS_LOCDAT_TPFD/create_errors
GET_TPFDD_EXECUTABLE	$RUDRS_SCRIPTS/get_tpfdd
INPUT_AUGMENT_TPFDD_NAME	$RUDRS_LOCDAT_TPFD/in_augment
INPUT_UPDATE_TPFDD_NAME	$RUDRS_LOCDAT_TPFD/inupdate
OUTPUT_CREATE_TPFDD_NAME	$RUDRS_LOCDAT_TPFD/outcreate
OUTPUT_UPDATE_TPFDD_NAME	$RUDRS_LOCDAT_TPFD/outupdate
OUTPUT_AUGMENT_TPFDD_NAME	$RUDRS_LOCDAT_TPFD/out_augment
PUT_TPFDD_EXECUTABLE	$RUDRS_SCRIPTS/put_tpfdd
UPDATE_ERRORS_NAME	$RUDRS_LOCDAT_TPFD/update_errors
UPDATE_MISSING_NAME	$RUDRS_LOCDAT_TPFD/missing_units
UPDATE_RESULTS_NAME	$RUDRS_LOCDAT_TPFD/update_results
-- **-- USER** --	
CONFIRMATION_ON	TRUE

Configurable Parameters	Initial Values
READ_ONLY	FALSE
REFRESH_QUERIES	FALSE

Change Password

To access this screen
Utilities → Change Password → Change Password screen

Figure 3-13: Change Password

The Change password screen is used for access to the Database Maintenance Screen.

The Change Password screen allows a person who knows the current RUDRS system password to change it.

- Enter the current Authorized Password (password will not echo).
- Enter the New Password
- If a mistake has been made; Select Undo and start over.
- To apply the password change Select Save

Database Maintenance

To access this screen
Utilities → NRFL Database Maintenance → Database Maintenance Access → OK → Database Information

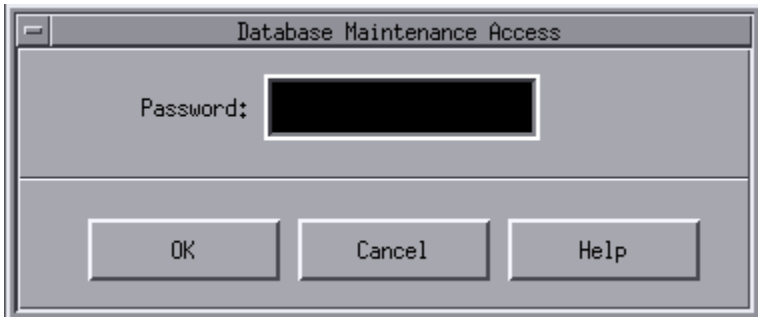

Figure 3-11: Database Maintenance Access

The Database Access screen provides pass protection for the Database Information screen. The Database Information screen and its functions are reserved for users identified as having System Administrative Access.

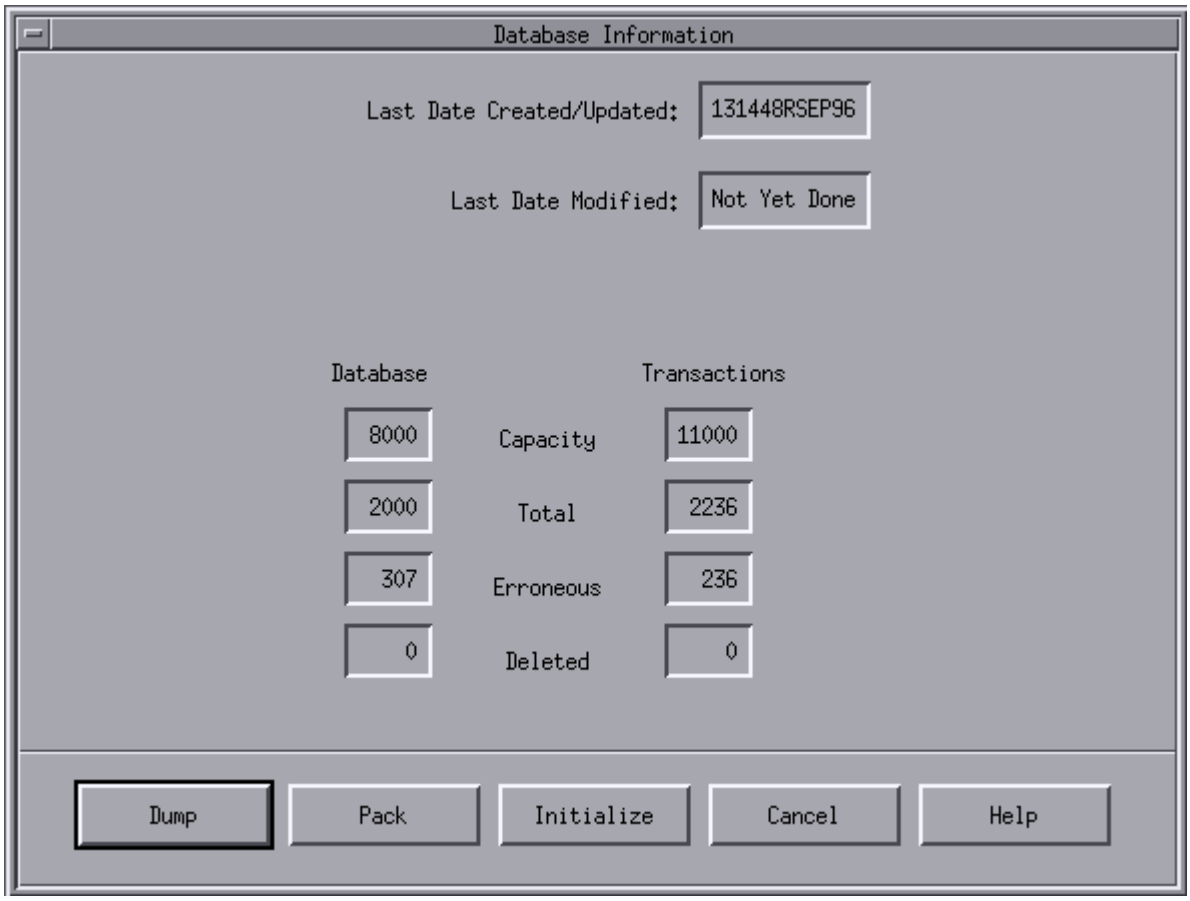

Figure 3-12: Database Information screen

The Database Information screen allows users to perform database administrative operations (i.e., Dump, Pack, Initialize). This screen displays several totals (Capacity, Total, Erroneous, Deleted) concerning the NRFL and NRFL Transaction Databases.

Information diplayed on this screen include:
NRFL & CINC-NRFL
- Capacity
- Total
- Erroneous
- Deleted

DatabaseNRFL & CINC-NRFL Transactions
- Capacity
- Total
- Erroneous
- Deleted

Data Field and Button Descriptions

Last Date Created/Updated: Date and time of last running of Create/Update NRFL &CINC-NRFL Database.

Last Date Modified:

Capacity: Maximum number of records (NRFL Database) and entries (Transaction Database).

Total: Transactions processed since the DTG displayed.

Erroneous: Number of records in error (NRFL Database) and error entries (Transaction Database)

Deleted: Number of deleted records.

****

Dump: Writes the raw form of the contents of the database to the "txt_*" file.

Pack: Physically removes all records marked as deleted from the database and recreates the key files.

Initialize: Will clear out all information in the database. The resulting size will be zero.

Trouble-Shooting

Software Problem Reporting

Software failures should be reported as soon as possible. Document the events of the failure as clearly as possible. Additional supporting information can be obtained from the RUDRS status window and from the $USER.history file located in /h/RUDRS/data/rudrs

The history file contains a log of information for a single RUDRS session. The histroy file is rewritten once RUDRS is statred again. This history file can be a wealth of information in the event of a software problem. Retain the file or rename the file to capture valuable information regarding a session. The history file is located in /h/RUDRS/data/rudrs/$USERS.history.

RRPRINT

Your RUDRS software was installed with a script call rrprint. Change this script to add your unique printer configuration. The script is located in /h/RUDRS/Scripts.

Permissions

Your software was installed in a least restrictive environment for the RUDRS software and data file. On occassion, your permission may become different that what was installed. The following permission structure is set in place when RUDRS is installed:

chmod -R 775 $RUDRS_GBLDAT
chmod -R 775 $RUDRS_LOCDAT
chgrp -R gccs $RUDRS_LOCDAT
chgrp -R gccs $RUDRS_GBLDAT

Verify that $USER is a member of the group gccs.

When RUDRS encounters non-routine operating conditions, power failures, power surges, etc, the data base will become corrupted. Oftern you can easily fix the anomoly by executing a cleanup script located in /h/RUDRS.scripts.

From the /h/RUDRS directory, type

./Scripts/cleanup

The screen will return with "no matches found"

from here you can return the GCCS RUDRS ICON or you can run RUDRS from an x-term